

## In the Abstract

To provide a new A method for efficiently producing theanine is provided, by which theanine is simply and industrially advantageously produced, wherein glutamine and ethylamine are reacted by

— Pseudomonas citronellosis GEA FERM BP-8353, which is newly separated / selected from natural soil, belongs to the genus, Pseudomonas, and the species citronellosis and is a theanine producing bacteria with activities of transferring the  $\gamma$ -glutamyl group. Theanine is extremely efficiently produced production increased by four times by using glutaminase derived from the bacteria in a mixture of glutamine and ethylamine at a pH in a range of 9-12 in comparison with a conventional methodmethods.